PLANT AND SOIL

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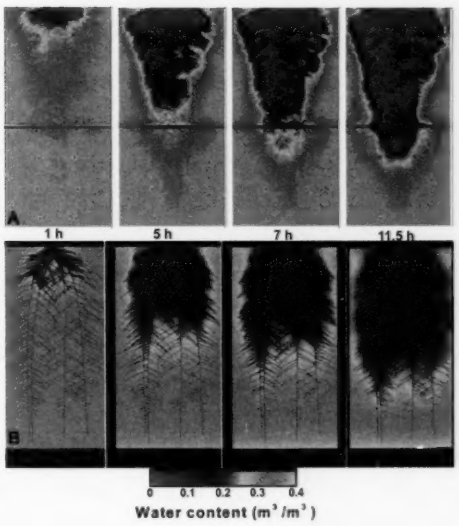

Cover Photo: Imaging and modelling of root system water uptake: (A) Images of soil water content, varying with water uptake, at 1, 5, 7 and 11.5h from start of transpiration obtained from a rhizotron experiment by light transmission imaging of water. (B) Simulated images of water content obtained from a model of water transfer in the soil-root system, considering water transfer in the soil and in the plant roots. 50 day-old narrow leaf lupin (*Lupinus angustifolius L.*) fibrous root system grown in a rhizotron filled with a sand-clay mix. Length scale in cm. *Plant and Soil* Vol 283, pp. 1–380.